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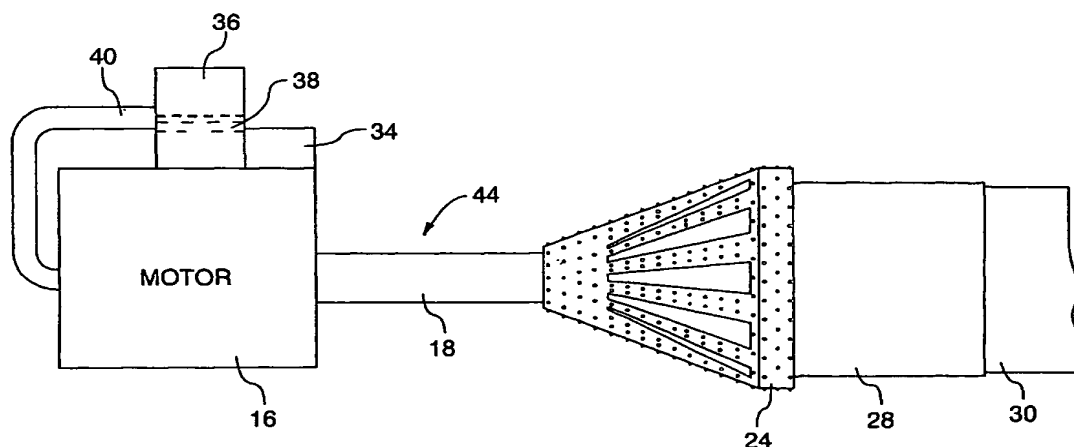
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(54) Title: METHOD AND APPARATUS FOR DIRECTIONAL DRILLING



(57) Abstract: The present invention is directed at a pullhead/reamer for use in digging a hole in the ground; comprising a first end (22) shaped to receive a mandrel struts, connecting the first end to the second end, the struts defining a set of open flutes (48) therewithin; and a set of slurry jets (50); wherein when the pullhead/reamer is in use, the set of slurry jets release a pressurized liquid to mix with the ground producing a slurry which enters the pullhead/reamer via the open flutes.

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